IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)	
David A. Beck)	Group:
Serial No.:)	•
Filed: November 4, 2003)	Examiner
Title: SEMIPERMEABLE MEMBRANE WITH)	
INTERCOMMUNICATING PORES FOR)	
PRESSING APPARATUS	Ś	

INFORMATION DISCLOSURE STATEMENT

MS DD Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Applicant wishes to bring to the attention of the Examiner the documents identified on the attached form PTO-1449. Applicant respectfully requests that these documents be made of record in the present application.

Polish Patent Document No. 85537 relates to a paper machine for the production of filter board, consisting of an inlet and a wire section that is equipped with a blow-through device located above the wire and elements located below the wire for discharging the water-air mixture from the press and dryer components, designed in such a way that an air press consisting of two double rolls is located behind the wire section, with the diameters of the one double roll being different from that of the other one and each roll touching both neighboring rolls of the other pair so that a blowing air chamber is created between them, and drum dryers being located at the end of the paper machine, of which three of them -equipped with air blowing chambers and perforated rolls which also house the suction boxes-would be advantageous.

Polish Patent Document No. 141 560 relates to a paper machine for the production of filter paper and board made of hydrophobic fibers, consisting of an inlet located above the wire section and equipped with an inclined wire with suction boxes inside, a dewatering unit as well as a web conveying device and designed in such a way that the dewatering unit is equipped with two wires for providing guidance for the web, with the top wire being equipped with a perforated roll in that place where it touches the bottom wire and with air-blowing chambers being installed in the top wire, each

of them connected with a source of compressed air, of which each of them creates a higher pressure than the previous source.

European Document No. EP 0 473 969 A1 relates to a ribbon for use in paper machines, in particular in wet presses having a lengthened press gap, has a pliable, liquid-impermeable ribbon layer, which is smooth on its rear side and into whose front side a textile product is inserted, only partly with the formation of open cavities. In order that this ribbon is distinguished on the one hand by high flexibility and a large cavity volume for removal of water, but on the other hand an improved bond between textile product and ribbon layer is achieved, the textile product (5) has a supporting web (6) and a fibre layer (9) fixed thereto, which is arranged on the side adjacent to the ribbon layer (2), and the textile product (5) is inserted in the ribbon layer (2) only with this fibre layer (9) and the supporting web (6) lies outside the ribbon layer (2).

German Patent DD 222 680 A1 relates to a method for dewatering a fiber web in paper, cardboard, paper board and stock dewatering machines by means of overpressure. It is the objective of the current invention to create a method for dewatering of fiber webs, that permits intensifying of dewatering and at the same time avoiding the disadvantages that occur in the utilization of vacuum. The current invention meets this objective in that the fiber web that is to be dewatered is restrained and guided by conventional suction devices, between two supporting surfaces. The medium stream serving the dewatering process is directed at excess pressure and by means of suitable devices (i.e. blow box or similar) through the combination of "support material-web-support material". The blow boxes are divided into one or several chambers and sections – viewed in direction of travel of the fiber web, and transversely to it – in order to influence the moisture profile by pressure and/or temperature controlled medium infeed.

European Patent 0 304 561 discloses the dewatering of paper web (1) takes place by means of a flow steam led through the paper web (1) in a press nip (2) between two pressing surfaces (3 and 4) under such pressure that at least part of the paper web (1) becomes saturated. In order to effect this flow of steam, means are introduced in the area of the press nip (2) to guide the flow of stream from the upper to the under surface of the paper web (1) running through the press nip (2) with simultaneous removal from the undersurface of the paper web. In one embodiment, the means are an upper roll (3) with a perforated jacket (5), through which the externally produced steam is led under pressure into the press nip (2), and a lower roll (4) with a perforated jacket (6), through which the steam, together with the liquid expressed from the paper web, is sucked out and removed.

A copy of two of the documents is enclosed.

A copy of the rest of these documents can be found in the parent application, i.e., U.S. Patent Application Serial No. 09/409,794.

In the event Applicant has overlooked the need for a payment of fee, or additional payment of fee, or have overpaid a fee, Applicant hereby conditionally petitions therefor and authorizes that any charges or credits be made to Deposit Account No. 20-0095, TAYLOR & AUST, P.C.

Respectfully submitted,

Todd T. Taylor

Registration No. 36,945

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TTT/dc

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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: MS DD, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on: November 4, 2003.

Todd T. Taylor, Reg. No. 36,945

NAME OF REGISTERED REPRESENTATIVE

SIGNATURE

November 4, 2003

DATE

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				ATTORNEY DOCKET NO.: SERIAL NO: VOI0156.DIV						
INFORMATION DISCLOSURE STATEMENT					APPLICANT: David A. Beck					
				FILING DATE: GROUP: November 4, 2003						
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	AB	5,584,126	12/96	Ensign, e	t al.	34	444	February	February 6, 1996	
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